

ATTORNEY DOCKET  
063718.0282

PATENT APPLICATION

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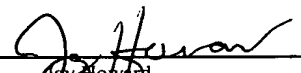
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: William A. Goldman et al.  
Filing Date: September 23, 2003  
Title: **METHOD OF ASSAYING DOWNHOLE  
OCCURRENCES AND CONDITIONS**

This application is a continuation of U.S. Patent Application  
Serial No. 10/133,078 filed April 26, 2002.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this Information Disclosure  
Statement is being deposited with the United  
States Postal Service as Express Mail #EV  
341126896 US addressed to: Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA  
22313-1450, on the date shown below.

  
\_\_\_\_\_  
Jay Howard  
9-23-03  
\_\_\_\_\_  
Date

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants respectfully request that the references listed on the attached PTO-1449 form, and previously cited in U.S. Patent Application Serial No. 10/133,078 filed April 26, 2002, be considered and cited in the examination of the above-identified application. Pursuant to 37 C.F.R. § 1.98(d), copies of the references are not being furnished. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

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PATENT APPLICATION

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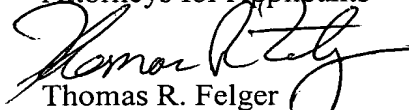
Applicants believe no fee is due at this time, however, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 50-2148 of BAKER BOTTS L.L.P. in order to effectuate this filing.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicants' attorney at 512.322.2599.

Respectfully submitted,

BAKER BOTTS L.L.P.

Attorneys for Applicants

  
Thomas R. Felger  
Registration No. 28,842

Date: 23 SEPT 2003

CORRESPONDENCE ADDRESS:

Customer No. **31625**  
512.322.2599

<b>PŦO-1449</b>  <b>Information Disclosure Citation in an Application</b>			Application No.		Applicant(s)		
			Unassigned		William A. Goldman et al.		
			Docket Number		Group Art Unit		Filing Date
			063718.0282		Unassigned		September 23, 2003
<b>U.S. PATENT DOCUMENTS</b>							
		<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE</b>
	A.	3742966	8/1973	Foy et al.	175	40	
	B.	4064749	12/1977	Pittman et al.	73	152	
	C.	4627276	12/1986	Burgess et al.	175	39	
	D.	4685329	8/1987	Burgess	175	39	
	E.	4694686	9/1987	Fildes et al.	324	71	
	F.	4845628	7/1989	Gray et al.	702	9	
	G.	4914591	4/1990	Warren et al.	175	40	
	H.	4926686	5/1990	Fay	175	39	
	I.	4981037	1/1991	Holbrook et al.	166	250	
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION</b>
							YES NO
	J.	0466255	1/1992	EP			
	K.						
	L.						
	M.						
<b>NON-PATENT DOCUMENTS</b>							
		<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>					<b>DATE</b>
	N.	E.M. Galle and H.B. Woods, "Best Constant Weight And Rotary Speed For Rotary Rock Bits", pp. 48-73, API Drilling and Production Practice,					1963
	O.	R. Teale, "The Concept Of Specific Energy In Rock Drilling", p. 57-63, International Journal of Rock Mechanics, Mining Sciences, vol. 2, Great Britain					1965
	P.	R.C. Pessier, M.J. Fear, "Quantifying Common Drilling Problems With Mechanical Specific Energy and A Bit-Specific Coefficient Of Sliding Friction", pp. 373-388, SPE Paper 24584, Washington, D.C					Published Oct. 1982
	Q.	Kenneth L. Mason, "3-Cone Bit Selection With Sonic Logs", pp. 135-142, SPE Drilling Engineering, Jun. 1987, first published Sep. 1984 in Houston, Texas					Published Sep. 1984
	R.	Allen D. Gault, "Measurement of Drilling Properties", pp. 143-148, SPE Drilling Engineer, Jun. 1987, published New Orleans, Louisiana, Mar. 1985					Mar. 1985
<b>EXAMINER</b>					<b>DATE CONSIDERED</b>		
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

<b>PTO-1449</b>  <b>Information Disclosure Citation in an Application</b>				Application No.		Applicant(s)	
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		<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>FILING DATE</b>
	A.	5012674	5/1991	Millheim et al.	324	201	
	B.	5282384	2/1994	Holbrook	702	12	
	C.	5305836	4/1994	Holbrook et al.	175	26	
	D.	5415030	5/1995	Jogi et al.	175	39	
	E.	5442950	8/1995	Unalmiser et al.	73	152	
	F.	5449047	9/1995	Schivley, Jr.	173	11	
	G.						
	H.						
	I.						
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>DOCUMENT NO.</b>	<b>DATE</b>	<b>COUNTRY</b>	<b>CLASS</b>	<b>SUBCLASS</b>	<b>TRANSLATION</b>
							YES NO
	J.						
	K.						
	L.						
<b>NON-PATENT DOCUMENTS</b>							
		<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>					<b>DATE</b>
	M.	T.M. Burgess, W.C. Lesso, "Measuring The Wear Of Milled Tooth Bits Using MWD Torque And Weight-On-Bit", SPE/IADC 13475, pp. 453-458 for pages illustration, published Mar. 1985, New Orleans, Louisiana					Published Mar. 1985
	N.	Philip Holbrook, Michael Hauck, "Petrophysical--Mechanical Math Model Real-Time Wellsite Poor Pressure/Fracture Gradient Prediction", SPE Pub. No. 16666, published Sep. 1987 in Dallas, Texas					Published Sep. 1987
	O.	David A. Glowka, "Use of Single-Cutter Data in the Analysis of PDC Bit Designs: Part I--Development of a PDC Cutting Force Model", pp. 797-849, JPT,					Aug. 1989
	P.	David A. Glowka, "Use of Single-Cutter Data in the Analysis of PDC Bit Designs: Part II--Development of PDC WEAR Computer Code", pp. 850-859, JPT,					Aug. 1989
	Q.	E. Detournay, P. Defourny, "A Phenomenological Model for the Drilling Action of Drag Bits", pp. 13-23, International Journal of Rock Mechanics, Mineral Sciences and Geomechanical Abstracts, vol. 29, No. 1, printed in Great Britain.					1992
	R.	J.P.R. Sparr and L.W. Ledgerwood, harvey Goodman, R.L. Graff and T.J. Moo, "Formation Compressive Strength Estimates for Predicting Drillability and PDC Bit Selection", pp. 569-578, SPE/IADC 29397, published Feb. 1995, Amsterdam, Netherlands					Published Feb. 1995
<b>EXAMINER</b>					<b>DATE CONSIDERED</b>		
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